

Daniel J. Andrekus, PE

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Professional Experience

1999–present: Argonne National Laboratory

- Conducted characterization and performance testing of advanced battery systems (lithium ion, nickel metal hydride, lithium sulfur) designed for electric and hybrid electric vehicle applications.
- Analyzed and interpreted results of battery characterization and performance tests.
- Designed and implemented data acquisition interface and control solutions.
- Maintained and calibrated battery cyclers and data acquisition equipment.
- Prepared specifications for new equipment.
- Reviewed proposals from equipment manufacturers and recommended purchases

1998–1999: Sargent & Lundy, LLC

- Assisted in the conceptual design of new construction steam/natural gas combined cycle power plants.
- Prepared equipment specifications for bids.
- Performed cable sizing and voltage drop calculations.

Education

BS, Electrical Engineering, Marquette University

Registration

Professional Engineer - Illinois